Lampiran 1. Uji Anova Satu Arah Terhadap Hasil Rendemen Minyak

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
BR_05	1.00	3	73.0000	2.6458	1.5275	66.4276	79.5724	71.00	76.00
	2.00	3	74.6667	3.0551	1.7638	67.0775	82.2558	72.00	78.00
	3.00	3	70.6667	.5774	.3333	69.2324	72.1009	70.00	71.00
	Total	9	72.7778	2.6822	.8941	70.7160	74.8395	70.00	78.00
BR_10	1.00	3	75.3333	2.5166	1.4530	69.0817	81.5849	73.00	78.00
	2.00	3	77.6667	1.5275	.8819	73.8721	81.4612	76.00	79.00
	3.00	3	72.3333	1.1547	.6667	69.4649	75.2018	71.00	73.00
	Total	9	75.1111	2.8038	.9346	72.9559	77.2663	71.00	79.00
BR_15	1.00	3	79.6667	4.0415	2.3333	69.6271	89.7062	76.00	84.00
	2.00	3	77.3333	3.0551	1.7638	69.7442	84.9225	74.00	80.00
	3.00	3	79.5000	1.8028	1.0408	75.0217	83.9783	77.50	81.00
	Total	9	78.8333	2.9155	.9718	76.5923	81.0744	74.00	84.00
NN_1	1.00	3	84.0000	2.0000	1.1547	79.0317	88.9683	82.00	86.00
	2.00	3	80.3333	2.5166	1.4530	74.0817	86.5849	78.00	83.00
	3.00	3	82.3333	2.0817	1.2019	77.1622	87.5045	80.00	84.00
	Total	9	82.2222	2.4889	.8296	80.3091	84.1353	78.00	86.00
NN_2	1.00	3	83.0000	1.7321	1.0000	78.6973	87.3027	82.00	85.00
	2.00	3	83.0000	2.0000	1.1547	78.0317	87.9683	81.00	85.00
	3.00	3	83.3333	1.1547	.6667	80.4649	86.2018	82.00	84.00
	Total	9	83.1111	1.4530	.4843	81.9943	84.2280	81.00	85.00
NN_3	1.00	3	80.3333	1.5275	.8819	76.5388	84.1279	79.00	82.00
	2.00	3	79.3333	4.0415	2.3333	69.2938	89.3729	75.00	83.00
	3.00	3	80.3333	4.1633	2.4037	69.9910	90.6756	77.00	85.00
	Total	9	80.0000	3.0414	1.0138	77.6622	82.3378	75.00	85.00

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
BR_05	2.850	2	6	.035
BR_10	.867	2	6	.047
BR_15	.867	2	6	.047
NN_1	.122	2	6	.089
NN_2	.327	2	6	.073
NN_3	1.521	2	6	.049

Lampiran 1. (lanjutan)

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
BR_05	Between Groups	24.222	2	12.111	2.180	.194
	Within Groups	33.333	6	5.556		
	Total	57.556	8			
BR_10	Between Groups	42.889	2	21.444	6.433	.032
	Within Groups	20.000	6	3.333		
	Total	62.889	8			
BR_15	Between Groups	10.167	2	5.083	.527	.615
	Within Groups	57.833	6	9.639		
	Total	68.000	8			
NN_1	Between Groups	20.222	2	10.111	2.068	.207
	Within Groups	29.333	6	4.889		
	Total	49.556	8			
NN_2	Between Groups	.222	2	.111	.040	.961
	Within Groups	16.667	6	2.778		
	Total	16.889	8			
NN_3	Between Groups	2.000	2	1.000	.083	.921
	Within Groups	72.000	6	12.000		
	Total	74.000	8			

BR_05

Duncan[a]

INOK	N	Subset for alpha = .05
		1
3.00	3	70.6667
1.00	3	73.0000
2.00	3	74.6667
Sig.		.092

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 1. (lanjutan)

BR_10

Duncan[a]

INOK	N	Subset for alpha = .05	
		1	2
3.00	3	72.3333	
1.00	3	75.3333	75.3333
2.00	3		77.6667
Sig.		.091	.169

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

BR_15

Duncan[a]

INOK	N	Subset for alpha = .05
		1
2.00	3	77.3333
3.00	3	79.5000
1.00	3	79.6667
Sig.		.407

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

NN_1

Duncan[a]

INOK	N	Subset for alpha = .05
		1
2.00	3	80.3333
3.00	3	82.3333
1.00	3	84.0000
Sig.		.098

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 1. (lanjutan)

NN_2

Duncan[a]

INOK	N	Subset for alpha = .05
		1
1.00	3	83.0000
2.00	3	83.0000
3.00	3	83.3333
Sig.		.820

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

NN_3

Duncan[a]

INOK	N	Subset for alpha = .05
		1
2.00	3	79.3333
1.00	3	80.3333
3.00	3	80.3333
Sig.		.743

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 2. Uji Anova Satu Arah Terhadap Analisa Berat Jenis Minyak

Descriptives

	N	Mean	Std. Dev	Std. Error	95% Confidence Internal Mean Low Bnd	Up Bnd	Min	Max
1.00	2	.9110	.0000	.0000	.9110	.9110	.91	.91
2.00	2	.9115	7.071E-04	5.000E-04	.9051	.9179	.91	.91
3.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
4.00	2	.9135	7.071E-04	5.000E-04	.9071	.9199	.91	.91
5.00	2	.9135	7.071E-04	5.000E-04	.9071	.9199	.91	.91
6.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
7.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
8.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
9.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
10.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
11.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
12.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
13.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
14.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
15.00	2	.9140	.0000	.0000	.9140	.9140	.91	.91
16.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
17.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
18.00	2	.9130	.0000	.0000	.9130	.9130	.91	.91
Total	36	.9129	6.918E-04	1.153E-04	.9127	.9132	.91	.91

Anova

	Sun of Squares	df	Mean Square	F	Sig.
Between Groups	1.525E-05	17	8.971E-07	10.765	.000
Within Groups	1.500E-06	18	8.333E-08		
Total	1.675E-05	35			

Lampiran 2. (lanjutan)

BJ_TPN

Duncan[a]

KOMB	N	Subset for alpha = .05		
		1	2	3
1.00	2	.9110		
2.00	2	.9115		
3.00	2		.9130	
6.00	2		.9130	
7.00	2		.9130	
8.00	2		.9130	
9.00	2		.9130	
10.00	2		.9130	
11.00	2		.9130	
12.00	2		.9130	
13.00	2		.9130	
14.00	2		.9130	
16.00	2		.9130	
17.00	2		.9130	
18.00	2		.9130	
4.00	2		.9135	.9135
5.00	2		.9135	.9135
15.00	2			.9140
Sig.		.100	.150	.117

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Lampiran 3. Uji Anova Satu Arah Terhadap Analisa Angka Asam

Descriptives

	N	Mean	Std. Dev	Std. Error	95% Confidence Internal Mean Low Bnd	Up Bnd	Min	Max
1.00	2	.3100	.0000	.0000	.3100	.3100	.31	.31
2.00	2	.2800	.0000	.0000	.2800	.2800	.28	.28
3.00	2	.2950	2.121E-02	1.500E-02	.1044	.4856	.28	.31
4.00	2	.3100	4.243E-02	3.000E-02	-7.1186E-02	.6912	.28	.34
5.00	2	.3350	3.536E-02	2.500E-02	1.734E-02	.6527	.31	.36
6.00	2	.2200	.0000	.0000	.2200	.2200	.22	.22
7.00	2	.2350	2.121E-02	1.500E-02	4.441E-02	.4256	.22	.25
8.00	2	.1700	.0000	.0000	.1700	.1700	.17	.17
9.00	2	.2200	4.243E-02	3.000E-02	-.1612	.6012	.19	.25
10.00	2	.3250	2.121E-02	1.500E-02	.1344	.5156	.31	.34
11.00	2	.3750	2.121E-02	1.500E-02	.1844	.5656	.36	.39
12.00	2	.3650	3.536E-02	2.500E-02	4.734E-02	.6827	.34	.39
13.00	2	.2800	.0000	.0000	.2800	.2800	.28	.28
14.00	2	.3400	.0000	.0000	.3400	.3400	.34	.34
15.00	2	.3350	7.778E-02	5.500E-02	-.3638	1.0338	.28	.39
16.00	2	.2350	2.121E-02	1.500E-02	4.441E-02	.4256	.22	.25
17.00	2	.2650	2.121E-02	1.500E-02	7.441E-02	.4556	.25	.28
18.00	2	.3500	5.657E-02	4.000E-02	-.1582	.8582	.31	.39
Total	36	.2914	6.100E-02	1.017E-02	.2707	.3120	.17	.39

Anova

	Sun of Squares	df	Mean Square	F	Sig.
Between Groups	.112	17	6.599E-03	6.581	.000
Within Groups	1.805E-02	18	1.003E-03		
Total	.130	35			

Lampiran 3. (lanjutan)

[a]

8.0		Subset for alpha						
		1	2	3	4	5	6	7
6.0	N 2	.220	.220					
9.0	2	.220	.220					
7.0	2	.235	.235	.235				
16.0	2	.235	.235	.235				
17.0	2		.265	.265	.265			
2.0	2		.280	.280	.280	.280		
13.0	2		.280	.280	.280	.280		
3.0	2		.295	.295	.295	.295	.295	
1.0	2			.310	.310	.310	.310	.310
4.0	2			.310	.310	.310	.310	.310
10.0	2				.325	.325	.325	.325
5.0	2				.335	.335	.335	.335
15.0	2				.335	.335	.335	.335
14.0	2				.340	.340	.340	.340
18.0	2					.350	.350	.350
12.0	2						.365	.365
11.0	2							.375
Sig		.08	.05	.05	.05	.07	.07	.09

a.

Lampiran 4. Uji Anova Satu Arah Terhadap Analisa Asam Lemak Bebas

Descriptives

	N	Mean	Std. Dev	Std. Error	95% Confidence Internal Mean Low Bnd	Up Bnd	Min	Max
1.00	2	.1100	.0000	.0000	.1100	.1100	.11	.11
2.00	2	9.000E-02	.0000	.0000	9.000E-02	9.000E-02	.09	.09
3.00	2	.1000	1.414E-02	1.000E-02	-2.7062E-02	.2271	.09	.11
4.00	2	.1050	2.121E-02	1.500E-02	-8.5593E-02	.2956	.09	.12
5.00	2	.1200	1.414E-02	1.000E-02	-7.0620E-03	.2471	.11	.13
6.00	2	8.000E-02	.0000	.0000	8.000E-02	8.000E-02	.08	.08
7.00	2	8.500E-02	7.071E-03	5.000E-03	2.147E-02	.1485	.08	.09
8.00	2	6.000E-02	.0000	.0000	6.000E-02	6.000E-02	.06	.06
9.00	2	8.000E-02	1.414E-02	1.000E-02	-4.7062E-02	.2071	.07	.09
10.00	2	.1150	7.071E-03	5.000E-03	5.147E-02	.1785	.11	.12
11.00	2	.1350	7.071E-03	5.000E-03	7.147E-02	.1985	.13	.14
12.00	2	.1300	1.414E-02	1.000E-02	2.938E-03	.2571	.12	.14
13.00	2	9.000E-02	.0000	.0000	9.000E-02	9.000E-02	.09	.09
14.00	2	.1200	.0000	.0000	.1200	.1200	.12	.12
15.00	2	.1150	3.536E-02	2.500E-02	-.2027	.4327	.09	.14
16.00	2	8.500E-02	7.071E-03	5.000E-03	2.147E-02	.1485	.08	.09
17.00	2	9.000E-02	.0000	.0000	9.000E-02	9.000E-02	.09	.09
18.00	2	.1250	2.121E-02	1.500E-02	-6.5593E-02	.3156	.11	.14
Total	36	.1019	2.240E-02	3.734E-03	9.436E-02	.1095	.06	.14

Anova

	Sun of Squares	df	Mean Square	F	Sig.
Between Groups	1.441E-02	17	8.479E-04	4.845	.001
Within Groups	3.150E-03	18	1.750E-04		
Total	1.756E-02	35			

Lampiran 4. (lanjutan)

BBAS_TPN

Duncan[a]

KOMB	N	Subset for alpha = .05					
		1	2	3	4	5	6
8.00	2	6.000E-02					
6.00	2	8.000E-02	8.000E-02				
9.00	2	8.000E-02	8.000E-02				
7.00	2	8.500E-02	8.500E-02	8.500E-02			
16.00	2	8.500E-02	8.500E-02	8.500E-02			
2.00	2	9.000E-02	9.000E-02	9.000E-02	9.000E-02		
13.00	2	9.000E-02	9.000E-02	9.000E-02	9.000E-02		
17.00	2	9.000E-02	9.000E-02	9.000E-02	9.000E-02		
3.00	2		.1000	.1000	.1000	.1000	
4.00	2		.1050	.1050	.1050	.1050	.1050
1.00	2		.1100	.1100	.1100	.1100	.1100
10.00	2			.1150	.1150	.1150	.1150
15.00	2			.1150	.1150	.1150	.1150
5.00	2				.1200	.1200	.1200
14.00	2				.1200	.1200	.1200
18.00	2					.1250	.1250
12.00	2					.1300	.1300
11.00	2						.1350
Sig.		.062	.064	.064	.064	.063	.063

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Lampiran 5. Uji Anova Satu Arah Terhadap Analisa Angka Penyabunan

Descriptives

	N	Mean	Std. Dev	Std. Error	95% Confidence Internal Mean Low Bnd	Up Bnd	Min	Max
1.00	2	261.4000	.0000	.0000	261.4000	261.4000	261.40	261.40
2.00	2	263.1000	.8485	.6000	255.4763	270.7237	262.50	263.70
3.00	2	260.8500	.7778	.5500	253.8616	267.8384	260.30	261.40
4.00	2	262.5000	.0000	.0000	262.5000	262.5000	262.50	262.50
5.00	2	258.1000	.0000	.0000	258.1000	258.1000	258.10	258.10
6.00	2	260.3000	.0000	.0000	260.3000	260.3000	260.30	260.30
7.00	2	261.4500	7.071E-02	5.000E-02	260.8147	262.0853	261.40	261.50
8.00	2	263.1000	.8485	.6000	255.4763	270.7237	262.50	263.70
9.00	2	265.3500	2.3335	1.6500	244.3848	286.3152	263.70	267.00
10.00	2	260.3000	3.1113	2.2000	232.3463	288.2537	258.10	262.50
11.00	2	256.4000	2.4042	1.7000	234.7995	278.0005	254.70	258.10
12.00	2	258.1000	.0000	.0000	258.1000	258.1000	258.10	258.10
13.00	2	255.2500	.7778	.5500	248.2616	262.2384	254.70	255.80
14.00	2	259.7500	.7778	.5500	252.7616	266.7384	259.20	260.30
15.00	2	254.7000	1.5556	1.1000	240.7232	268.6768	253.60	255.80
16.00	2	260.3000	1.5556	1.1000	246.3232	274.2768	259.20	261.40
17.00	2	258.0500	1.6263	1.1500	243.4379	272.6621	256.90	259.20
18.00	2	263.1000	.8485	.6000	255.4763	270.7237	262.50	263.70
Total	36	260.1167	3.0180	.5030	259.0955	261.1378	253.60	267.00

Anova

	Sun of Squares	df	Mean Square	F	Sig.
Between Groups	286.420	17	16.848	9.369	.000
Within Groups	32.370	18	1.798		
Total	318.790	35			

Lampiran 5. (lanjutan)

SBUN_TPN

Duncan[a]

KOMB	N	Subset for alpha = .05					
		1	2	3	4	5	6
15.00	2	254.7000					
13.00	2	255.2500	255.2500				
11.00	2	256.4000	256.4000				
17.00	2		258.0500	258.0500			
5.00	2		258.1000	258.1000			
12.00	2		258.1000	258.1000			
14.00	2			259.7500	259.7500		
16.00	2			260.3000	260.3000	260.3000	
6.00	2			260.3000	260.3000	260.3000	
10.00	2			260.3000	260.3000	260.3000	
3.00	2			260.8500	260.8500	260.8500	
1.00	2				261.4000	261.4000	
7.00	2				261.4500	261.4500	
4.00	2				262.5000	262.5000	262.5000
2.00	2					263.1000	263.1000
8.00	2					263.1000	263.1000
18.00	2					263.1000	263.1000
9.00	2						265.3500
Sig.		.245	.070	.084	.089	.086	.070

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Lampiran 6. Uji Anova Satu Arah Terhadap Analisa Angka Iod

Descriptives

	N	Mean	Std. Dev	Std. Error	95% Confidence Internal Mean Low Bnd	Up Bnd	Min	Max
1.00	2	10.8750	.2333	.1650	8.7785	12.9715	10.71	11.04
2.00	2	8.7800	.1131	8.000E-02	7.7635	9.7965	8.70	8.86
3.00	2	8.5000	7.071E-02	5.000E-02	7.8647	9.1353	8.45	8.55
4.00	2	9.3750	.1344	9.500E-02	8.1679	10.5821	9.28	9.47
5.00	2	9.4550	.1909	.1350	7.7397	11.1703	9.32	9.59
6.00	2	9.6050	.3041	.2150	6.8732	12.3368	9.39	9.82
7.00	2	8.6000	.1131	8.000E-02	7.5835	9.6165	8.52	8.68
8.00	2	8.5700	7.071E-02	5.000E-02	7.9347	9.2053	8.52	8.62
9.00	2	8.6850	.3748	.2650	5.3179	12.0521	8.42	8.95
10.00	2	8.7800	.0000	.0000	8.7800	8.7800	8.78	8.78
11.00	2	8.8900	1.414E-02	1.000E-02	8.7629	9.0171	8.88	8.90
12.00	2	8.5500	.1131	8.000E-02	7.5335	9.5665	8.47	8.63
13.00	2	9.2350	.1768	.1250	7.6467	10.8233	9.11	9.36
14.00	2	8.8800	.2828	.2000	6.3388	11.4212	8.68	9.08
15.00	2	9.6650	.2475	.1750	7.4414	11.8886	9.49	9.84
16.00	2	8.8650	.1626	.1150	7.4038	10.3262	8.75	8.98
17.00	2	8.8000	7.071E-02	5.000E-02	8.1647	9.4353	8.75	8.85
18.00	2	8.6650	9.192E-02	6.500E-02	7.8391	9.4909	8.60	8.73
Total	36	9.0431	.5945	9.908E-02	8.8419	9.2442	8.42	11.04

Anova

	Sun of Squares	df	Mean Square	F	Sig.
Between Groups	11.768	17	.692	20.668	.000
Within Groups	.603	18	3.349E-02		
Total	12.370	35			

Lampiran 6. (lanjutan)

IOD_TPN

Duncan[a]

KOMB	N	Subset for alpha = .05				
		1	2	3	4	5
3.00	2	8.5000				
12.00	2	8.5500				
8.00	2	8.5700				
7.00	2	8.6000				
18.00	2	8.6650				
9.00	2	8.6850				
2.00	2	8.7800				
10.00	2	8.7800				
17.00	2	8.8000				
16.00	2	8.8650	8.8650			
14.00	2	8.8800	8.8800			
11.00	2	8.8900	8.8900			
13.00	2		9.2350	9.2350		
4.00	2			9.3750	9.3750	
5.00	2			9.4550	9.4550	
6.00	2			9.6050	9.6050	
15.00	2				9.6650	
1.00	2					10.8750
Sig.		.082	.078	.078	.162	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Lampiran 7. Hubungan Analisa Fisik dengan Analisa kimia

Correlations		Berat Jenis	Angka Asam	Asam Lemak Bebas	Angka Penyabunan	Angka lod
Berat Jenis	Pearson Cor	1.000	.083	.108	-.371	-.340
	Sig. (2-tailed)	.	.742	.668	.129	168
	N	18	18	18	18	18
Angka Asam	Pearson Cor	.083	1.000	.984	-.461	.140
	Sig. (2-tailed)	.742	.	.000	.054	.579
	N	18	18	18	18	18
Asam Lemak Bebas	Pearson Cor	.108	.984	1.000	-.422	.136
	Sig. (2-tailed)	.668	.000	.	.081	.590
	N	18	18	18	18	18
Angka penyabunan	Pearson Cor	-.371	-.461	-.422	1.000	-.208
	Sig. (2-tailed)	.129	.054	.081	.	.408
	N	18	18	18	18	18
Angka Lod	Pearson Cor	-.340	.140	.136	-.208	1.000
	Sig. (2-tailed)	.168	.579	.590	.408	.
	N	18	18	18	18	18

* Cor is significant at the 0.05 level (2-tailed)
** Cor is significant at the 0.01 level (2-tailed)

Lampiran 8. General Linier Model Untuk Uji Organoleptik Warna dan B...

Between-Subjects Factors

		N
PERL	1.00	75
	2.00	75
	3.00	75
	4.00	75
	5.00	75
	6.00	75
INOK	1.00	150
	2.00	150
	3.00	150

WARNA

Descriptive Statistics for General Linear Model

PERL	INOK	Mean	Std. Deviation	N
1.00	1.00	3.1600	1.0279	25
	2.00	3.3600	.9522	25
	3.00	2.6000	1.1547	25
	Total	3.0400	1.0835	75
2.00	1.00	4.4000	.7071	25
	2.00	1.8400	.8000	25
	3.00	2.4400	.7681	25
	Total	2.8933	1.3313	75
3.00	1.00	3.2400	1.0909	25
	2.00	2.5200	1.0847	25
	3.00	2.8000	.9129	25
	Total	2.8533	1.0615	75
4.00	1.00	3.0000	.9129	25
	2.00	1.8800	.6658	25
	3.00	2.0400	.6758	25
	Total	2.3067	.9001	75
5.00	1.00	2.9600	1.0198	25
	2.00	2.1200	.9274	25
	3.00	2.0000	.7071	25
	Total	2.3600	.9814	75
6.00	1.00	1.9600	.7348	25
	2.00	3.6400	.9074	25
	3.00	3.6800	.8524	25
	Total	3.0933	1.1528	75
Total	1.00	3.1200	1.1581	150
	2.00	2.5600	1.1321	150
	3.00	2.5933	1.0173	150
	Total	2.7578	1.1313	450

Lampiran 8. (lanjutan)

BAU

1.00	1.00	2.4800	1.2623	25
	2.00	2.0000	1.1180	25
	3.00	2.9200	1.2220	25
	Total	2.4667	1.2448	75
2.00	1.00	2.6400	1.4107	25
	2.00	2.3200	1.1804	25
	3.00	2.3200	1.1804	25
	Total	2.4267	1.2539	75
3.00	1.00	2.6400	1.4107	25
	2.00	2.3200	1.4059	25
	3.00	3.4000	1.3229	25
	Total	2.7867	1.4360	75
4.00	1.00	2.6800	1.1804	25
	2.00	2.4400	.8206	25
	3.00	2.3600	1.0755	25
	Total	2.4933	1.0316	75
5.00	1.00	2.7200	.9798	25
	2.00	2.6800	1.0296	25
	3.00	2.5600	.9165	25
	Total	2.6533	.9655	75
6.00	1.00	2.3200	1.0693	25
	2.00	3.2800	1.2083	25
	3.00	3.1200	1.2356	25
	Total	2.9067	1.2322	75
Total	1.00	2.5800	1.2166	150
	2.00	2.5067	1.1914	150
	3.00	2.7800	1.2144	150
	Total	2.6222	1.2104	450

Box's Test of Equality of Covariance Matrices[a]

Box's M	217.485
F	1.197
df1	170
df2	111710
Sig.	.041

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: PERL+INOK+PERL * INOK

Lampiran 8. (lanjutan)

Multivariate Tests[c]

Effect		Value	F	Hypothesis df	Error df	Sig.
PERL	Pillai's Trace	.244	5.607	20.000	1728.000	.000
	Wilks' Lambda	.770	5.827	20.000	1423.782	.000
	Hotelling's Trace	.280	5.988	20.000	1710.000	.000
	Roy's Largest Root	.198	17.134[a]	5.000	432.000	.000
INOK	Pillai's Trace	.146	8.488	8.000	860.000	.000
	Wilks' Lambda	.856	8.660[b]	8.000	858.000	.000
	Hotelling's Trace	.165	8.832	8.000	856.000	.000
	Roy's Largest Root	.145	15.569[a]	4.000	430.000	.000
PERL * INOK	Pillai's Trace	.571	7.190	40.000	1728.000	.000
	Wilks' Lambda	.518	7.722	40.000	1628.573	.000
	Hotelling's Trace	.768	8.211	40.000	1710.000	.000
	Roy's Largest Root	.459	19.815[a]	10.000	432.000	.000

a. The statistic is an upper bound on F that yields a lower bound on the significance level.

b. Exact statistic

c. Design: PERL+INOK+PERL * INOK

Levene's Test of Equality of Error Variances[a]

	F	df1	df2	Sig.
WARNA_TP	2.350	17	432	.002
WRNA_PEN	1.343	17	432	.161
BAU_TPN	1.537	17	432	.078
BAU_PENY	2.987	17	432	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: PERL+INOK+PERL * INOK

Lampiran 8. (lanjutan)

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Model	WARNA_TP	3650.200[a]	18	202.789	252.609	.000
	WRNA_PEN	2643.200[b]	18	146.844	192.934	.000
	BAU_TPN	3150.960[c]	18	175.053	125.820	.000
	BAU_PENY	3476.240[d]	18	193.124	179.899	.000
PERL	WARNA_TP	43.611	5	8.722	10.865	.000
	WRNA_PEN	48.924	5	9.785	12.856	.000
	BAU_TPN	14.098	5	2.820	2.027	.074
	BAU_PENY	12.444	5	2.489	2.318	.043
INOK	WARNA_TP	29.604	2	14.802	18.439	.000
	WRNA_PEN	30.591	2	15.296	20.096	.000
	BAU_TPN	6.004	2	3.002	2.158	.117
	BAU_PENY	6.751	2	3.376	3.144	.044
PERL * INOK	WARNA_TP	154.582	10	15.458	19.256	.000
	WRNA_PEN	76.209	10	7.621	10.013	.000
	BAU_TPN	36.636	10	3.664	2.633	.004
	BAU_PENY	7.009	10	.701	.653	.768
Error	WARNA_TP	346.800	432	.803		
	WRNA_PEN	328.800	432	.761		
	BAU_TPN	601.040	432	1.391		
	BAU_PENY	463.760	432	1.074		
Total	WARNA_TP	3997.000	450			
	WRNA_PEN	2972.000	450			
	BAU_TPN	3752.000	450			
	BAU_PENY	3940.000	450			

a. R Squared = .913 (Adjusted R Squared = .910)

b. R Squared = .889 (Adjusted R Squared = .885)

c. R Squared = .840 (Adjusted R Squared = .833)

d. R Squared = .882 (Adjusted R Squared = .877)

Lampiran 8. (lanjutan)

WARNA_TP

Duncan[a,b]

PERL	N	Subset 1	Subset 2
4.00	75	2.3067	
5.00	75	2.3600	
3.00	75		2.8533
2.00	75		2.8933
1.00	75		3.0400
6.00	75		3.0933
Sig.		.715	.136

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .803.

a. Uses Harmonic Mean Sample Size = 75.000.

b. Alpha = .05.

BAU_TPN

Duncan[a,b]

PERL	N	Subset 1	Subset 2
2.00	75	2.4267	
1.00	75	2.4667	
4.00	75	2.4933	
5.00	75	2.6533	2.6533
3.00	75	2.7867	2.7867
6.00	75		2.9067
Sig.		.097	.217

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 1.391.

a. Uses Harmonic Mean Sample Size = 75.000.

b. Alpha = .05.

Lampiran 8. (lanjutan)

WARNA_TP

Duncan[a,b]

INOK	N	Subset 1	Subset 2
2.00	150	2.5600	
3.00	150	2.5933	
1.00	150		3.1200
Sig.		.747	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .803.

a. Uses Harmonic Mean Sample Size = 150.000.

b. Alpha = .05.

BAU_TPN

Duncan[a,b]

INOK	N	Subset 1
2.00	150	2.5067
1.00	150	2.5800
3.00	150	2.7800
Sig.		.057

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 1.391.

a. Uses Harmonic Mean Sample Size = 150.000.

b. Alpha = .05.

Lampiran 9. Quesioner Uji Organoleptik Warna dan Bau

UJI INDERAWI WARNA DAN BAU MINYAK KELAPA HASIL FERMENTASI

Nama :

Umur :

Jenis kelamin :

No	Kode	Warna	Bau
1.	317		
2.	485		
3.	321		
4.	562		
5.	236		
6.	149		
7.	673		
8.	611		
9.	728		
10.	471		
11.	832		
12.	719		
13.	303		
14.	607		
15.	748		
16.	875		
17.	542		
18.	435		

Warna : Sangat jernih = 1
Jernih = 2
Agak jernih = 3
Agak keruh = 4
Keruh = 5

Bau: Segar = 1
Agak segar = 2
Normal = 3
Agak tengik = 4
Tengik = 5